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Reply to Office Action of July 10, 2007

AMENDMENTS TO THE CLAIMS

PATENTS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-55. (Canceled)

56. (Currently amended) A method of decreasing melanin production in a melanocyte, comprising contacting the melanocyte with an effective amount of a compound that effects an alteration in late endosomal/lysosomal trafficking in the melanocyte, the alteration resulting in a decrease in melanin production in the melanocyte,

the method comprising contacting the melanocyte with one or more compounds selected from the group consisting of: The method of claim 47, wherein the compound is selected from the group consisting of:

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$$CH_3$$
 CH_3 CH_3

$$H_3C$$
 CH_3
 CH_3
 CH_3
 CH_3
 CH_3

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and a pharmaceutically acceptable salt or solvate thereof.

57-68. (Canceled)

69. (Currently amended) A method of reducing skin pigmentation, comprising contacting skin with a pharmaceutically effective amount of a compound that effects an alteration in late endosomal/lysosomal trafficking, the alteration in late endosomal/lysosomal trafficking resulting in a reduction of skin pigmentation,

the method comprising contacting the skin with a pharmaceutically effective amount of one or more compounds selected from the group consisting of: The method of claim 60, wherein the compound is selected from the group consisting of:

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and a pharmaceutically acceptable salt or solvate thereof.

70-77. (Canceled)